

**Abstract of the Disclosure**

A device for examining chemical and/or biological samples comprises a sample carrier for receiving the samples. The sample carrier comprises a sample carrier wall through which a sample is examined with the aid of an objective. The objective comprises an exit lens which defines a gap towards an outer surface of the sample carrier wall, in which gap a film of an immersion material can be arranged such that the film is in contact with both the outer surface and the exit lens. The exit lens is surrounded by a protection means which is in particular configured as an objective cap. To improve protection of the objective from becoming fouled by the immersion medium, the protection means comprises a capillary channel connected with a suction means for discharging the immersion medium.